



06-30-06

Docket No. 212/861US

HFV

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

In re Application of:

Haibin Huang, et al.

Serial No.: 10/573,953

Filed: March 28, 2006

For: Method for Performing a
Domain Transformation of a
Digital Signal From the Time
Domain Into the Frequency
Domain and Vice Versa

Art Unit: unassigned

Examiner: unassigned

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT

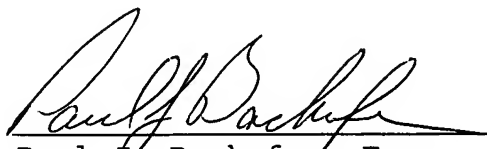
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

Sir:

Enclosed please find Applicants' Information Disclosure
Statement.

Date: June 28, 2006

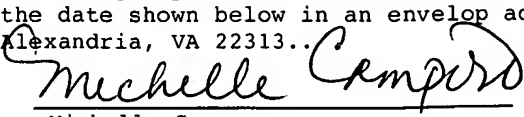
By:


Paul J. Backofen, Esq.
Reg. No. 42278

Certificate of Mailing (37 CFR 1.10)

I hereby certify that this response (along with any paper referred to as being attached or enclosed) is being deposited in Express Mail using Express Mail Post Office to Addressee with the United States Postal Service on the date shown below in an envelop addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313..

Express Mail No. EV801350415USS
Date: June 28, 2006


Michelle Campero



FORM PTO-1449
(REV. 7-80)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.

212/861US

SERIAL NO.

10/573,953

LIST OF PRIOR ART CITED BY APPLICANT

(use several sheets if necessary)

APPLICANT

Haibin Huang, et al.

FILING DATE

March 28, 2006

GROUP

unassigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	2002/0012470	01/02	Luna	382	233	
	AB	2003/0014136	01/03	Wang	700	94	
	AC	5,523,847	06/96	Feig	358	261.3	
	AD	5,999,656	12/99	Zandi	382	248	
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AL	WO 00/55757	09/00	PCT			
	AM	EP 1406179A1	04/04	Europe			

OTHER PRIOR ART (including Author, Title, Date, Pertinent Pages, Etc.)

		Yonghong ZENG, et al., "Integer DCTs and Fast Algorithms", <i>IEEE Transactions on Signal Processing</i> , vol. 49, no. 11, Nov. 2001, pages 2774-2782
		David DARLINGTON, et al. "Digital Audio Effects in the Wavelet Domain", <i>Proc. Of the 5th Int. Conference on Digital Audio Effects</i> , Hamburg Germany, Sept. 26-28, 2002
		Ingrid DAUBECHIES and Wim SWELDENS, "Factoring Wavelet Transforms Into Lifting Steps", <i>Tech. Report</i> , Bell Laboratories, Lucent Technologies, 1996

EXAMINER

DATE CONSIDERED

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 212/861US		SERIAL NO. 10/573,953	
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	AL	GB 2325368 A	11/98	United Kingdom			
	AM						
OTHER PRIOR ART (including Author, Title, Date, Pertinent Pages, Etc.)							
		Pengwei HAO and Qingyun SHI, "Matrix Factorizations for Reversible Integer Mapping", <i>IEEE Trans, Signal Processing</i> , vol. 49, no. 10, Oct. 2001, pages 2314-2324					
		Soontorn ORAINTARA, et al., "Integer Fast Fourier Transform", <i>IEEE Trans, Signal Processing</i> , vol. 50, no. 3, Mar. 2002, pages 607-618					
		Jia WANG, et al., "1-D and 2-D Transforms from Integers to Integers," <i>Proc. Int. Conf. Acoustics, Speech and Signal Processing</i> , Hong Kong, 2003, vol. II pages 549-552					
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	AL						
	AM						
OTHER PRIOR ART (including Author, Title, Date, Pertinent Pages, Etc.)							
		Gerlind PLONKA and Manfred TASCHE "Invertible Integer DCT Algorithms", <i>Appl. Comput. Harmon. Anal.</i> 15:70-88, 2003					
		Henrique S. MALVAR, "Signal Processing with Lapped Transforms", <i>Artech House</i> , 1992					
		Ralf GEIGER, et al., "Audio Coding Based on Integer Transforms", <i>AES 111th Convention</i> , New York, USA, Sept. 2001, Convention Paper 5471					
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	AL						
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		Wang ZHONGDE, "On Computing the Discrete Fourier and Cosine Transforms", <i>IEEE Trans. On Acoustics, Speech and Signal Processing</i> , vol. ASSP-33, no. 4, Oct. 1985
		International Organization for Standardization; Coding of Moving Pictures and Audio, "Workplan for Evaluation of Integer MDCT for FGS to Lossless Experimentation Framework", ISO/IEC JTC 1/SC 29/WG 11 N5578, Pattaya, Thailand, Mar. 2003

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